

RECOIL AND MUZZLE BLAST DISSIPATOR

ABSTRACT OF THE DISCLOSURE

5 A recoil and muzzle blast dissipator may be attached to the barrel of a gun and may redirect propellant gasses. In one embodiment, a recoil and muzzle blast dissipater may include a body portion having an internal plenum and a plurality of vent slots, each vent slot having an aperture in communication with the internal plenum. Each successive vent slot may include an aperture that is larger in area than the aperture
10 of the previous vent slot. An exterior tube may include a side port and may be arranged to overlay the body portion such that a portion of each vent slot is covered by the exterior tube, and a portion of each vent slot is in communication with the side port.